MODULE – 1 : Catia Interface

- Overview of Catia
- Customization of toolbars
- Start menu

MODULE - 2 : Dassault sketching

- Units and grids
- Sketch creation tools
- Sketch modifying tools
- Geometry and dimensioning
- Sketch visualization
- Sketch analysis

MODULE – 3 : Dassault Part modeling

- Sketch based features
- Transformation feature
- Boolean operation
- Reference elements

MODULE – 4 : Advanced Part Modelling

- Material
- Measurements
- Mass properties
- Stress and strain concept

MODULE – 5 : Dassault assembly Design

- Bottom up assembly
- Constraints management
- Assembly feature
- Exploded view
- Scene creation
- Product structure tools
- Manipulation

MODULE – 6 : Generative Shape Design

- Wireframe and surface
- Surface creation
- Surface operation
- Healing of surface
- Wireframe formation
- Advance surface
- Bump and wrap
- Biw templates
- Surface based feature
- Converting surface to volumes

Module 7: Generative Sheet Metal Design

- Introduction
- Walls and making flanges
- Cuttings and stampings
- Folding and unfolding
- Bending
- Manufacturing preparation
- Transformation

MODULE – 8 : Dassault drafting

- Creating templates
- ISO & ANSI drafting
- Drawing standards
- Bill of materials
- Reference of drawing

MODULE – 9 : DMU Digital Mockup

- Kinematic link
- DMU Kinematics

MODULE – 10 : Rendering

- Render tools
- Advanced Render